

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <div style="text-align: center; font-weight: bold; margin-top: 10px;"> TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 </div>		ATTORNEY'S DOCKET NUMBER 071971-0382 U.S. APPLIC. NO. (if known, see 37 CFR 1.5) Not yet assigned <div style="font-size: 2em; font-weight: bold; position: absolute; top: 10px; right: 10px; transform: rotate(-5deg);"> 10/553215 </div>
INTERNATIONAL APPLICATION NO PCT/JP2004/003694	INTERNATIONAL FILING DATE March 18, 2004	PRIORITY DATE CLAIMED May 13, 2003
TITLE OF INVENTION DIGITAL MODULATION APPARATUS AND DIGITAL MODULATION METHOD		
APPLICANTS FOR DO/EO/US Hiroyuki YABUNO, Hironori DEGUCHI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11. to 16. below concern other document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information. <ol style="list-style-type: none"> 1) Front page of International Application 2) International Search Report (English Translation) 3) PCT/ISA/220 4) PCT/ISA/237 5) PCT/IB/301 6) PCT/IB/304 7) PCT/IB/308 8) PCT/IB/311 9) PCT/IB/332 10) PCT/IPEA/401 11) PCT/IPEA/416 12) Copy of International Preliminary Examination Report 13) PCT Request 		

U.S. APPLIC. NO. (if known, see 37 CFR 1.801) 10/553215				INTERNATIONAL APPLICATION NO. PCT/JP2004/003694		ATTORNEY'S DOCKET NUMBER 071971-0382	
				CALCULATIONS		PTO USE ONLY	
21. <input checked="" type="checkbox"/> The following fees are submitted:							
<input checked="" type="checkbox"/> Basic National Stage Fee				\$300	\$300.00		
22. <input checked="" type="checkbox"/> Examination Fee							
If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$0	\$200.00		
All other situations				\$200			
23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))							
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$0	\$400.00		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100			
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB				\$400			
All other situations				\$500			
TOTAL OF 21, 22 and 23 =					\$900.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					\$		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)		RATE			
-100	/50=			X\$250	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$		
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE			
Total Claims	26-20 =	6		x \$50.00	\$300.00		
Independent Claims	8-3 =	5		x \$200.00	\$1000.00		
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$		
TOTAL OF ABOVE CALCULATIONS =					\$2200.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$		
SUBTOTAL =					\$		
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					+	\$	
TOTAL NATIONAL FEE =							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					+	\$	
TOTAL FEES ENCLOSED =					\$2200.00		
					Amount to be refunded	\$	
					Amount to be charged	\$2200.00	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.							
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of <u>\$2200.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO:							
Customer Number 20277							
Telephone: 202.756.8000							
Facsimile: 202.756.8087							
				SIGNATURE Michael E. Fogarty			
				NAME 36,139			
				REGISTRATION NUMBER			